

Abstract

Method for transmitting service data in telecommunication systems
 with ~~wireless telecommunication based on a predefined radio~~
~~interface protocol between telecommunication devices, especially~~
~~voice data and/or packet data in DECT systems~~

To transmit service data in telecommunication systems with
 wireless telecommunication based on a predefined radio interface
 protocol between telecommunication devices, especially voice data
 and/or packet data in DECT systems, with enhanced utilization of
 the ^{bandwidth} ~~band width~~ of the telecommunication system and at a greater
 transmission rate, service data units to be transmitted are
 transported by radio cascaded (~~in the form of~~ a cascade
 arrangement) in protocol data units adapted to the radio
 interface protocol. The protocol data units in each case contain
 as many information fields, configured especially as length
 indicators for specifying the respective service data length, as
 there are service data units or, respectively, fragments of
 service data units contained in the respective protocol data
 unit. In addition, each information field contains an extension
 (a reference) in the form of a concatenated list whether further
 service data units, ^{or} ~~or, respectively,~~ further fragments of
 service data units follow in the respective protocol data unit.